



<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		<b>Complete if Known</b>	
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). Effective on 12/08/2004.		Application Number	09/869,554
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	December 23, 1999
TOTAL AMOUNT OF PAYMENT (\$)		First Named Inventor	Anna Orlefors
120.00		Examiner Name	S. A. Sakelaris
		Art Unit	1634
		Attorney Docket No.	HO-P02216US0

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: 06-2375
	Deposit Account Name: Fulbright & Jaworski L.L.P.
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		
		<b>Small Entity</b>		<b>Small Entity</b>		<b>Small Entity</b>	
<b>Application Type</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fee (\$)</b>	<b>Fees Paid (\$)</b>
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
						<b>Small Entity</b>	
						<b>Fee (\$)</b>	<b>Fee (\$)</b>
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<b>Total Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>		
_____		_____	_____	_____	<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>
_____		_____	_____	_____	_____		_____
<b>Indep. Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
_____		_____	_____	_____			
_____		_____	_____	_____			
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>		
_____	_____	_____ / 50		_____	_____		
				(round up to a whole number) x			
<b>4. OTHER FEE(S)</b>							
						<b>Fees Paid (\$)</b>	
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 1251 Extension for response within first month							120.00

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	45,872
Name (Print/Type)	Melissa W. Acosta	Telephone	(713) 651-5407
		Date	February 28, 2005

<b>Fee Transmittal</b>	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ER540910493US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: February 28, 2005	Signature:  (Staci Harris)

03-01-05 1634 #  
SW

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Dated: February 28, 2005 Signature: *Staci Harris*

(Staci Harris)

Docket No.: HO-P02216US0  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Anna Orlefors et al.

Application No.: 09/869,554

Art Unit: 1634

Filed: December 23, 1999

Examiner: S. A. Sakelaris

For: METHOD FOR SEQUENCING DNA USING A  
MICROFLUIDIC DEVICE

**AMENDMENT AND RESPONSE TO A NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated October 29, 2004, please amend the above-identified U.S. patent application as follows:

**Interview Summary** begins on page 2 of this paper;

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper; and

**Remarks/Arguments** begin on page 16 of this paper.

**INTERVIEW SUMMARY**

An in person interview was conducted with the Examiner Sally Sakelaris on February 16, 2005. Applicants in attendance included an inventor, Per Andersson, a representative for the Assignee, Hakan Bergander, and two representatives for the Applicants, David Fox and Melissa Acosta.

Applicants first stated that the record should indicate that Mian et al. teaches the Sanger method of sequencing. Applicants also discussed possible amendments to distinguish the present invention in view of the prior art of record, for example a common application area which is supported by the specification page 2, lines 25-27, page 13, lines 1-2, and Figure 4a-4d, see item 1. Another items discussed was more than one reaction area per microchannel structure, which is not taught by either Ronahgi et al. and Mian et al.